ABSTRACT OF THE DISCLOSURE

A photo image detector with a luminous intensity controller and a method of contolling a luminous intensity of a light source therefor. The photo image detector comprises a light source with a predetermined light quantity and for radiating light rays to an object, a photo image sensor which detects light rays reflected from the object and outputs a photo signal, an electric shutter which adjusts an exposing time interval according to the photo signal, and an image processor which receives the photo signal and outputting a photo image signal. The image processor including a luminous intensity controller for controlling a luminous intensity of the light rays which are radiated from the light source to the object according to the photo image signal. The photo image detector and the luminous intensity control method according to the present invention improves an image quality of the object by removing an image noise and a residual image caused by insufficient luminous intensity of the light source, and reduces a consumption of a power supply by adjusting directly the luminous intensity of the light source.